

ENF

**Environmental
Notification Form**

<i>For Office Use Only</i> Executive Office of Environmental Affairs	
EOEA No.:	<u>13872</u>
MEPA Analyst:	<u>Deirdre E</u>
Phone: 617-626-	<u>1044</u>

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: Central Cohasset Wastewater System Phase IV – Collection System Expansion & WWTP Expansion			
Street: Various along unsewered coastal areas of the Town			
Municipality: Cohasset		Watershed: South Coastal Watershed	
Universal Tranverse Mercator Coordinates: N4679202.00, E351168.88		Latitude: 42°15'02.65"N Longitude: 70°48'14.60"W	
Estimated commencement date: 6/2007		Estimated completion date: 7/2010	
Approximate cost: \$13.2 Million		Status of project design: 85 %complete	
Proponent: Town of Cohasset Board of Sewer Commissioners			
Street: 41 Highland Avenue			
Municipality: Cohasset		State: MA	Zip Code: 02025
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Daniel J. Coughlin, PE			
Firm/Agency: Coughlin Environmental Services, LLC		Street: 62 Montvale Avenue, Suite I	
Municipality: Stoneham		State: MA	Zip Code: 02180-3637
Phone: (781) 832-1002	Fax: (781) 438-9654	E-mail: coughlinenviron@comcast.net	

- Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?
 Yes (> 10 miles of sewer) No
- Has this project been filed with MEPA before?
 Yes (EOEA No. 10275) No
- Has any project on this site been filed with MEPA before?
 Yes (EOEA No. 5276) No
- Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:
- | | | |
|--|---|--|
| a Single EIR? (see 301 CMR 11.06(8)) | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| a Special Review Procedure? (see 301CMR 11.09) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| a Waiver of mandatory EIR? (see 301 CMR 11.11) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| a Phase I Waiver? (see 301 CMR 11.11) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres):
DEP – State Revolving Fund, Entire Amount less ineligible local costs

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes(CZM, DEP & EPA) No

List Local or Federal Permits and Approvals:

Mass. DEP/EPA, NPDES Permit Revision, To be filed.
 Cohasset Conservation Commission, Notice of Intent, To be filed with copy to Army Corps of Eng.
 Division of Marine Fisheries, Closure Zone Delineation, To be filed
 Coastal Zone Management – Federal Consistency Review, To be filed
 MADEP – Sewer Extension Permit, To be filed

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- | | | |
|---------------------------------|--|--|
| <input type="checkbox"/> Land | <input type="checkbox"/> Rare Species | <input type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input type="checkbox"/> Water | <input checked="" type="checkbox"/> Wastewater | <input type="checkbox"/> Transportation |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Air | <input type="checkbox"/> Solid & Hazardous Waste |
| <input type="checkbox"/> ACEC | <input type="checkbox"/> Regulations | <input type="checkbox"/> Historical & Archaeological Resources |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
LAND				<input type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License <input type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/Extension Permit <input type="checkbox"/> Other Permits (including Legislative Approvals) – Specify:
Total site acreage				
New acres of land altered				
Acres of impervious area				
Square feet of new bordering vegetated wetlands alteration				
Square feet of new other wetland alteration				
Acres of new non-water dependent use of tidelands or waterways				
STRUCTURES				
Gross square footage				
Number of housing units				
Maximum height (in feet)				
TRANSPORTATION				
Vehicle trips per day				
Parking spaces				
WATER/WASTEWATER				
Gallons/day (GPD) of water use				
GPD water withdrawal				
GPD wastewater generation/treatment	300,000	150,000	450,000	
Length of water/sewer mains (in miles)	22.3		32.9	

CONSERVATION LAND: Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

Yes (Specify _____) No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

Yes (Specify _____) No

RARE SPECIES: Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

Yes (Specify _____) No

HISTORICAL /ARCHAEOLOGICAL RESOURCES: Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

Yes (Specify _____) No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify _____) No

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

Yes (Proximate to Straits Pond/Weir River ACEC) No

PROJECT DESCRIPTION: The project description should include (a) a description of the project site, (b) a description of both on-site and off-site alternatives and the impacts associated with each alternative, and (c) potential on-site and off-site mitigation measures for each alternative (*You may attach one additional page, if necessary.*)

In compliance with an Amended Final Judgment between the Town of Cohasset and the State, the Town is sewerage the Little Harbor area of Cohasset. Septic system failure rates due to poor soils, shallow ledge, high groundwater and tidal influences have resulted in area shellfishing beds remaining closed and area beaches experiencing closures. The state set a bacterial TMDL for Little Harbor that would also necessitate sewerage to facilitate water quality goal attainment. Environmental assessments conducted over the past six years have demonstrated a need for sewerage the little harbor area as well as the Atlantic Avenue and Deep Run/Rust Way coastal areas of Cohasset. It is theorized that sufficient treatment capacity can be obtained by the upgrade and expansion of the membrane treatment process at the Cohasset WWTP, from 300,000 gpd to 450,000 gpd to serve the proposed Little Harbor and Atlantic Avenue Sewer Districts. It is also theorized that sufficient unused capacity exists in the North Cohasset Sewer District (established in conjunction with an Intermunicipal Agreement with Hingham and Hull in 1996) to serve the Deep Run/Rust Way area. These sewer expansion projects (involving over 10 miles of low pressure sewer piping) and the related WWTP expansion and upgrade will complete the sewerage of Cohasset's coastline, eliminating septic system pollution, protecting valuable water resource areas and facilitating the re-opening of area shellfishing beds. Various other sewer alternatives and treatment/disposal alternatives were evaluated including onsite upgrades with I/A systems, satellite treatment facilities and alternate collection and conveyance systems such as gravity, STEP, STG, and vacuum. The chosen low pressure sewer and existing WWTP upgrade and expansion was found to be the most cost effective and environmentally friendly option. A more detailed Environmental Assessment and Facility Plan Supplement report is included with this MEPA ENF submission to facilitate a Single EIR determination. Relevant materials from the original 1997 Final Wastewater Facility Plan and EIR (EOEA #10275) are also enclosed on CD to facilitate a comprehensive review.